

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130465.D
 Acq On : 29 Sep 2022 13:45
 Operator : CG\JU
 Sample : PB147985BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147985BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/30/2022
 Supervised By : Jagrut Upadhyay 09/30/2022

Quant Time: Sep 30 03:07:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	126238	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	518448	20.000	ng	0.00
39) Acenaphthene-d10	9.675	164	280146	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	473663	20.000	ng	0.00
76) Chrysene-d12	13.792	240	301759	20.000	ng	# 0.00
86) Perylene-d12	15.174	264	240520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	1006909	138.346	ng	0.01
7) Phenol-d6	6.293	99	1220351	134.005	ng	0.00
23) Nitrobenzene-d5	7.210	82	769912	75.868	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	402773	150.046	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1529192	79.487	ng	0.00
79) Terphenyl-d14	12.745	244	1644093	90.252	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.334	88	102245	30.588	ng	97
3) Pyridine	3.010	79	277817	31.861	ng	92
4) n-Nitrosodimethylamine	2.969	42	163099	34.391	ng	90
6) Aniline	6.304	93	446657	39.807	ng	# 31
8) 2-Chlorophenol	6.428	128	377114	45.486	ng	91
9) Benzaldehyde	6.187	77	207922	34.085	ng	93
10) Phenol	6.304	94	439324	41.165	ng	# 74
11) bis(2-Chloroethyl)ether	6.387	93	334088	43.401	ng	91
12) 1,3-Dichlorobenzene	6.581	146	396872	43.504	ng	96
13) 1,4-Dichlorobenzene	6.657	146	406212	43.665	ng	96
14) 1,2-Dichlorobenzene	6.804	146	391802	45.084	ng	98
15) Benzyl Alcohol	6.793	79	259780	35.979	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.922	45	401763	35.785	ng	83
17) 2-Methylphenol	6.910	107	311369	46.199	ng	96
18) Hexachloroethane	7.145	117	156505	42.679	ng	98
19) n-Nitroso-di-n-propyla...	7.069	70	242754	39.504	ng	90
20) 3+4-Methylphenols	7.063	107	370338	42.299	ng	# 81
22) Acetophenone	7.057	105	518099	40.875	ng	92
24) Nitrobenzene	7.228	77	378107	36.694	ng	95
25) Isophorone	7.469	82	674204	41.220	ng	99
26) 2-Nitrophenol	7.545	139	199591	47.251	ng	# 87
27) 2,4-Dimethylphenol	7.593	122	307397	47.263	ng	94
28) bis(2-Chloroethoxy)met...	7.687	93	403057	43.763	ng	100
29) 2,4-Dichlorophenol	7.792	162	309737	43.458	ng	94
30) 1,2,4-Trichlorobenzene	7.869	180	325933	42.298	ng	94
31) Naphthalene	7.945	128	1058288	39.622	ng	99
32) Benzoic acid	7.740	122	187956	37.370	ng	96
33) 4-Chloroaniline	8.004	127	368230	36.248	ng	94
34) Hexachlorobutadiene	8.063	225	206717	41.976	ng	99
35) Caprolactam	8.387	113	94277m	46.141	ng	
36) 4-Chloro-3-methylphenol	8.498	107	330086	41.783	ng	99
37) 2-Methylnaphthalene	8.639	142	705090	41.403	ng	99
38) 1-Methylnaphthalene	8.734	142	662630	40.504	ng	99
40) 1,2,4,5-Tetrachloroben...	8.804	216	330354	43.210	ng	98
41) Hexachlorocyclopentadiene	8.787	237	367896	89.879	ng	100
43) 2,4,6-Trichlorophenol	8.922	196	217735	40.807	ng	94

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44) 2,4,5-Trichlorophenol	8.963	196	234947	40.805	ng	98
46) 1,1'-Biphenyl	9.104	154	861681	41.184	ng	98
47) 2-Chloronaphthalene	9.128	162	672042	39.707	ng	96
48) 2-Nitroaniline	9.228	65	197921	35.061	ng	92
49) Acenaphthylene	9.539	152	994185	39.177	ng	99
50) Dimethylphthalate	9.410	163	774764	40.037	ng	99
51) 2,6-Dinitrotoluene	9.475	165	174103	43.019	ng	# 80
52) Acenaphthene	9.710	154	722602m	43.339	ng	
53) 3-Nitroaniline	9.639	138	142314	31.558	ng	93
54) 2,4-Dinitrophenol	9.751	184	174628	79.578	ng	87
55) Dibenzofuran	9.881	168	915785	39.489	ng	98
56) 4-Nitrophenol	9.822	139	249035	75.819	ng	# 79
57) 2,4-Dinitrotoluene	9.875	165	227323	43.950	ng	# 94
58) Fluorene	10.222	166	739887	39.011	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.004	232	183634	40.746	ng	91
60) Diethylphthalate	10.110	149	751802	38.742	ng	98
61) 4-Chlorophenyl-phenyle...	10.216	204	351154	42.206	ng	99
62) 4-Nitroaniline	10.257	138	178454m	39.392	ng	
63) Azobenzene	10.381	77	680140	34.037	ng	92
65) 4,6-Dinitro-2-methylph...	10.286	198	114045	43.252	ng	80
66) n-Nitrosodiphenylamine	10.345	169	639362	40.393	ng	98
67) 4-Bromophenyl-phenylether	10.704	248	223883	42.846	ng	99
68) Hexachlorobenzene	10.769	284	258626	43.663	ng	97
69) Atrazine	10.875	200	204406	44.190	ng	95
70) Pentachlorophenol	10.969	266	244511	76.917	ng	98
71) Phenanthrene	11.181	178	1044897	39.292	ng	99
72) Anthracene	11.233	178	1061048	41.345	ng	100
73) Carbazole	11.392	167	952279	41.116	ng	99
74) Di-n-butylphthalate	11.728	149	1159815	41.527	ng	99
75) Fluoranthene	12.363	202	1070907	41.674	ng	100
77) Benzidine	12.498	184	624806	71.327	ng	99
78) Pyrene	12.592	202	1061388	40.207	ng	99
80) Butylbenzylphthalate	13.222	149	446240	45.631	ng	91
81) Benzo(a)anthracene	13.780	228	830731	41.382	ng	98
82) 3,3'-Dichlorobenzidine	13.751	252	247949	45.375	ng	# 98
83) Chrysene	13.816	228	767567	40.270	ng	99
84) Bis(2-ethylhexyl)phtha...	13.780	149	569381	50.830	ng	# 96
85) Di-n-octyl phthalate	14.392	149	793861	46.335	ng	95
87) Indeno(1,2,3-cd)pyrene	16.498	276	698050	40.926	ng	98
88) Benzo(b)fluoranthene	14.792	252	728106m	46.380	ng	
89) Benzo(k)fluoranthene	14.816	252	632057	40.929	ng	99
90) Benzo(a)pyrene	15.121	252	579815	46.620	ng	97
91) Dibenzo(a,h)anthracene	16.515	278	606763	43.364	ng	98
92) Benzo(g,h,i)perylene	16.898	276	599852	42.558	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

